

***Amendments to the Claims***

This listing of claims will replace all prior versions, and listings of claims in the application.

1. (Currently Amended) A system for providing database services in a voice communication system over a packet-switched network, comprising:

at least one database that stores data relating to Internet Protocol (IP) telephony;

at least one database client server that accesses said at least one database;

at least one database client that accesses said at least one database client server;

a plurality of service modules including at least an account management service module and a call detail record (CDR) service module ~~at least one service module that accesses the database system;~~

a multi-database client that manages each ~~said at least one~~ service module's access to said at least one database client; and

a database access manager that monitors each ~~said at least one~~ service module's access to said multi-database client.

2.-3. (Cancelled).

4. (Currently Amended) A system of claim 1, wherein said plurality of at ~~least one~~ service modules includes an event log service module.

5. (Original) A system of claim 1, wherein said at least one database includes a relational database.

6. (Original) A system of claim 1, wherein said at least one database includes a non-relational database.

7. (Original) A system of claim 1, wherein said at least one database and said at least one database client server are configured behind a firewall.

8. (Original) A system of claim 7, wherein said at least one database client accesses said at least one database client server through said firewall.

9. (Currently Amended) A system of claim 1 ~~claim 2~~, wherein said service module for managing accounts comprises:

obtaining means for obtaining account information;

requesting means for requesting said account information from at least one multi-database client;

receiving means for receiving said account information from at least one multi-database client;

first forwarding means for forwarding said account information to a multi-database client; and

second forwarding means for forwarding said account information to a database access manager.

10. (Original) A system of claim 9, wherein said account information includes a user's name, telephone number, identification number, password, system service access level, billing information, and preferred calling patterns.

11. (Original) A system of claim 9, wherein said account information includes a group's name, identification number, password, system service access level, usage restrictions, billing information, and preferred calling patterns.

12. (Currently Amended) A system of claim 1 ~~claim 3~~, wherein said service module for recording call details comprises:

recording means for recording call details;

storing means for storing said call details in a call detail records server;

first sending means for sending said call details to a multi-client database;

receiving means for receiving a request for said stored call detail records from a database access manager; and

second sending means for sending said stored called details to said multi-database client from said call detail records server.

13. (Original) A system of claim 12, wherein said storing means comprises:

a local cache to automatically store call detail records, wherein said service module for recording call details stores said call details when first sending means is unsuccessful.

14. (Original) A system of claim 4, wherein said service module for logging events comprises:

receiving means for receiving a request for service;

determining means for determining the type of service being requested;

recording means for recording said request for service and the details of the service provided as an event; and

sending means for sending said event to a multi-database client.

15. (Currently Amended) A system of claim 1, wherein said database access manager comprises:

connecting means for connecting the service modules to the a multi-database client;

monitoring means for monitoring requests for service from said service modules to a multi-database client;

authorizing means for authorizing said requests for service from said service modules to said multi-database client; and

prioritizing means for prioritizing said requests for service from said service modules to said multi-database client.

16. (Currently Amended) A system of claim 1, wherein said multi-database client comprises:

first connecting means for connecting with the service modules;

second connecting means for connecting with the at least one database client;

receiving means for receiving requests for service from said service modules;  
queuing means for queuing said requests for service from said service modules;  
forwarding means for forwarding requests for service from said service modules  
to said at least one database client; and  
confirming means for confirming with said at least one database client that said  
requests for service from said service modules was received as forwarded.

17. (Currently Amended) A system of claim 1, further comprising:

another at least one database client server that receives requests from said multi-  
database client;

another at least one database client that receives said requests from said another  
at least one database client server; and

another at least one database that receives said requests from said at least one  
another database client.

18.-87. (Cancelled).

88. (Original) The database services according to claim 1, further including  
computer interface means for displaying said database services to a predetermined  
computer, information being exchanged with said predetermined computer, said  
computer interface means being capable of configuring said database services.

89.-92. (Cancelled)